



# NITFS Compliance Registration



**Product:** SOCET SET / DataThruWay Version 5.3.1 for the production of  
Controlled Image Base (CIB)

**Sponsor:** National Geospatial-Intelligence Agency (NGA)

**Developer:** British Aerospace Electronic (BAE) Systems Geospatial  
Exploitation Products

**Date:** 02 August 2007

**Expiration:** 01 August 2009

**Registration #:** 351

- ☐ Initial Registration  
☐ Supplemental/Update #  
☒ Derived from Reg 357

☐ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☒ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

-Sun Solaris 8 and Solaris 9  
-Windows XP and Windows NT  
2000

## NITFS Features Implemented:

### Format

#### NITF

☐ v2.1

☒ v2.0

☐ v1.1

#### NSIF

☐ v1.0

### Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels \*\*

### Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

### Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

### Image Compression

☐ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☒ Registered Extensions \*\*

### Tagged Record

#### Extensions

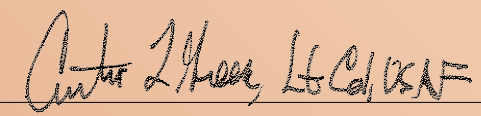
☒ RPFHDR

☒ RPFIMG

RPFDES

Legend  
Interpret  
Generate  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.

  
CURTIS L. GREEN, Lt Col, USAF, Division  
Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program